

WE CLAIM:

1. A method for computer networking, comprising:
receiving a request for a web resource from a remote client;
sending a message to initiate a page rendering process at the remote client;
processing the request;
sending the requested response to the client.
2. The method of claim 1 wherein the web resource is a new web page.
3. The method of claim 1 wherein the web resource is statically
generated.
4. The method of claim 1 wherein the web resource is encoded in an
HTML file.
5. The method of claim 1 wherein the web resource is dynamically
generated.
6. The method of claim 1 wherein the web resource is encoded in an
XML file.
7. The method of claim 1 wherein the request is received at a server.

8. The method of claim 7 wherein the server is a first server configured to act as a proxy between the client and a second server configured to serve the requested web resource.

5 9. The method of claim 8 wherein the first server is configured to accelerate the time it takes for the client to download the requested web resource from the second server.

10 10. The method of claim 1 wherein the message is an application level message.

11. The method of claim 10 wherein the message is an initial generic portion of the response.

15 12. The method of claim 11 wherein the message includes the first byte of the message.

13. The method of claim 11 wherein the message includes the first four bytes of the message.

20 14. The method of claim 11 wherein the message is the first byte of the message.

15. The method of claim 11 wherein the message is the first four bytes of the message.

16. The method of claim 1 wherein the request is received after
5 executing a TCP handshake.

17. The method of claim 11 wherein the message is an "H".

18. The method of claim 11 wherein the message is an "HTTP".

19. The method of claim 16 wherein the message begins with an "H".

20. The method of claim 16 wherein the message begins with an
"HTTP".

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FOOTNOTES

- 21. A method for computer networking, comprising;
 - receiving multiple requests from one or more remote clients, each request being for a web resource;
 - 5 sending a generic message to each client before processing the request;
 - processing the request; and
 - 10 sending a response to each client including at least a portion of the requested web resource.
- 22. The method of claim 21 wherein the message is an application level message.
- 23. The method of claim 22 wherein the message is an IPR message.
- 15 24. The method of claim 22 wherein the message is an initial generic portion of the response.
- 25. The method of claim 24 wherein the message includes the first byte of the message.
- 20 26. The method of claim 21 wherein the request is sent after executing a TCP handshake.

27. The method of claim 26 wherein the message includes an “H”.

28. The method of claim 26 wherein the message includes an “HTTP”.

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29. The method of claim 21 wherein the message includes a modified version of the requested web resource.

30. A networking device for use on a computer network connecting a web server and a remote client, wherein the remote client is configured to download a web resource from the web server via the computer network and display the web resource via a browser, the device comprising, a controller configured to:

receive multiple requests from one or more remote clients, each request being for a web resource;

send a message to initiate the page rendering process at the browser of the remote client to each of the clients in response to, and before processing, the request, and

send the requested web resource to the client via the computer network.

31. A system for use with a computer network to which a plurality of remote clients are connected, the system comprising a server configured to receive a request for a web resource from a remote client and, prior to processing the request, send to the remote client a message adapted to initiate a page rendering process.

32. The system of claim 31 wherein the server is a web server.

33. The system of claim 31 wherein the server is a first server
5 configured to act as a proxy between the remote clients and a second server configured to
serve the requested web resource.

34. The system of claim 33 wherein the first and second server are
connected via a local area network.

35. The system of claim 31 wherein the page rendering process is
initialized by an application level message.

36. The method of claim 35 wherein the message is an initial generic
15 portion of the response.

37. The method of claim 36 wherein the message includes the first byte
of the message.

20 38. The method of claim 37 wherein the message is an "H".

39. The method of claim 38 wherein the message is an "HTTP".

40. A system for use in computer networking, the system comprising:

a computer network;

a web server;

5 a remote client configured to request a web resource from the web server via the computer network; and

an acceleration device positioned intermediate the web server and the remote client on the computer network; the acceleration device being configured to, upon receipt of the request, send an application level message to the remote client before processing the request.

41. The system of claim 40 wherein the acceleration device is further configured to accelerate transmission of the web resource from the web.

15 42. The system of claim 40 wherein the application level message is an IPR message.

43. An article comprising: a storage medium having a plurality of machine-readable instructions, wherein when the instructions are executed by a computing system, the instructions provide for:

- receiving multiple requests from one or more clients; each client configured
- 5 to display a web resource via a browser and each request being for a web resource;
- sending, in response to, and before processing of, the request, a message adapted to initiate a page rendering process at the browser;
- processing the request by obtaining the requested web resource;
- sending the requested web resource to each of the clients.